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(72) Erfinder; und

(75) Erfinder/Anmelder (nur für US): BRÜCK, Rolf
[DE/DE]; Fröbelstrasse 12, 51429 Bergisch Gladbach
(DE).

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(74) Anwalt: KAHLHÖFER, Hermann; Kahlhöfer . Neu-
mann . Herzog . Fiesser, Karlstrasse 76, 40210 Düsseldorf
(DE).

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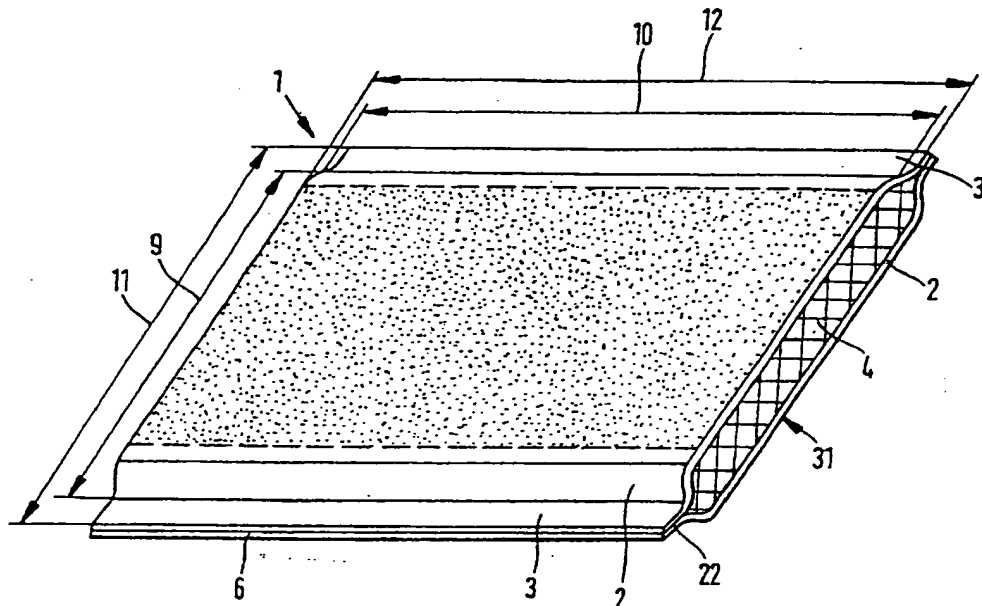
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(71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme
von US): EMITEC GESELLSCHAFT FÜR EMIS-
SIONSTECHNOLOGIE MBH [DE/DE]; Hauptstrasse
150, 53797 Lohmar (DE).

[Fortsetzung auf der nächsten Seite]

(54) Title: FILTER COMPOSITE AND METHOD FOR THE PRODUCTION THEREOF

(54) Bezeichnung: FILTERVERBUND UND VERFAHREN ZU SEINER HERSTELLUNG



(57) Abstract: The invention relates to a filter composite (1) and to a method for the production thereof, whereby a fluid can flow through the filter composite (1). The filter composite comprises at least one top layer (2) made of an at least partially porous material with at least one edge area (3) and comprises at least one fibrous layer (4) made of a fibrous cloth. The filter composite is characterized in that the at least one top layer (2) forms an enclosure (31) that encloses the fibrous layer (4) so that the fibrous layer (4) is permanently arranged inside the at least one top layer (2). A filter composite (1) of the aforementioned type makes it possible to produce a filter body that can be used, in particular, for purifying exhaust gases of mobile internal combustion engines.

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— vor Ablauf der für Änderungen der Ansprüche geltenden Frist; Veröffentlichung wird wiederholt, falls Änderungen eintreffen

Veröffentlicht:

— mit internationalem Recherchenbericht

Zur Erklärung der Zweibuchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

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Applic. # _____

Applicant: Rolf Brück

Lerner and Greenberg, P.A.

Post Office Box 2480

Hollywood, FL 33022-2480

Tel: (954) 925-1100 Fax: (954) 925-1101

(57) Zusammenfassung: Es wird ein Filterverbund (1) sowie ein Verfahren zu dessen Herstellung vorgeschlagen, wobei der Filterverbund (1) für ein Fluid durchströmbar ist und mindestens eine Decklage (2) aus zumindest teilweise porösem Material mit mindestens einem Randbereich (3) und mindestens eine Faserlage (4) aus einem Fasergewebe umfasst. Der Filterverbund zeichnet sich dadurch aus, dass die mindestens eine Decklage (2) eine die Faserlage (4) umschließende Hülle (31) bildet, so dass die Faserlage (4) im Inneren der mindestens einen Decklage (2) unverlierbar angeordnet ist. Ein solcher Filterverbund (1) ermöglicht die Herstellung eines Filterkörpers, der insbesondere zur Reinigung von Abgasen mobiler Verbrennungskraftmaschinen einsetzbar ist.

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01N3/022 B01D39/20 B01D46/10 B01D46/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01N B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 298 046 A (PEISERT) 29 March 1994 (1994-03-29) column 2, line 64 -column 3, line 37	1-3, 6, 8-10, 12, 14-16, 19, 20
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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8 document member of the same patent family

Date of the actual completion of the international search

14 March 2003

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,

Authorized officer

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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